Aerostructure Assembly & Aircraft Parts Manufacturing

Elbit Systems™ Cyclone

Defense Aerospace

Aerostructure Assembly & Aircraft Parts Manufacturing

Elbit Systems - Cyclone Ltd. (Cyclone) has a long history of successful design, production and support of parts from a wide range of military fixed-wing aircraft, helicopters and UASs.

Cyclone is a design and manufacturing center of excellence for Extended Range solutions and a leading supplier of various F-15, F-16 and F-18 EFTs (External Fuel Tank).

F-35

Cyclone is one of very few manufacturers of composite, bonded structural assemblies for the prestigious Lockheed Martin F-35 fighter aircraft. Cyclone was selected from a broad field of global composite manufacturers to produce fairings, doors and other structural components for the F-35 center fuselage. Parts are produced from advanced composite materials using cutting edge equipment and facilities. Cyclone was selected mainly based on its history of high quality standards, precision manufacturing and on-time delivery record.

F-15

- Horizontal Stabilizer
- 600 Gallon External Fuel Tanks
- Centerline Pylon
- Wing Inboard Pylon
- Navigation Pod Adapter
- LAU-77
- Gun Bay Door
- Rudder

F-16

- 600 Gallon External Fuel Tank (EFT) & Non-Jettisonable Pylon (NJP), an indigenous Cyclone unique solution which enhances the F-16s operationally capabilities
- Ventral Fin
- Horizontal Stabilizer
- Rudder
- Vertical Stabilizer Leading Edge
- Engine Access Doors
- Leading Edge Flap
- Nose Landing Gear Doors
- Main Landing Gear Doors
- Fixed Outer Trailing Edge
- Access Cover
- Weapon Pylon
- Centerline Pylon
- 300 Gallon Fuel Tank
- 370 Gallon Wing Fuel Tank
- 370 Wing Fuel Pylon
- Vertical Ejection Bomb Rack (VER-2)

F/A-18

- 330 Gallon filament wounded External Fuel Tank
- Leading Edge Extension
- Nose Landing Gear Door

330 Gallon filament winding process

Elbit Systems - Cyclone Ltd.

Elbit Systems - Cyclone Ltd. (Cyclone), is a wholly-owned subsidiary of Elbit Systesm Ltd.
Cyclone is a design and manufacturing center for composite and metal aircraft structural assemblies and subassemblies for leading aerospace companies and OEMs.

Cyclone holds special processes certifications and equipment qualifications from NADCAP as well as from leading OEMs such as: Boeing (Commercial and Defense), Bombardier, Lockheed Martin, Northrop Grumman, Textron and others.

In addition, Cyclone holds various qualifications from its customer's quality systems (Boeing, LMA, NGC, Bombardier, Spirit Aerosystems, Bell Helicopter, Sikorsky, USAF, US-Navy, IAF, IAI and more).

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